1. Review of Voting Methods so far

(a) Plurality Voting

Whoever gets the most votes who

- winner neight have much less than a majority
 can fail condorcet
- (b) Instant Runoff Voting (IRV) or Ranked Choice Voting (RCV)
- Winner is preferred by a majority
- if no majority, eliminate the candidate with the fewert 1st choice votes, and shift those votes to their next choice
- repeat until someone has a majority
 con fail Condorcet, monotonicity

2. Borda Count

(a) Method:

Assign 1 point to last place, 2 pts to next-to-last place, etc.

Sum all the points winner has the most points

(b) example:

	# votes	3	4	2	1	1
4 pts	1st choice	A	В	C	C	D
	2nd choice				B	C
2 pts	3rd choice	B	D	B	A	B
	4th choice				D	A

(wins, with 36 prints! (Note B was the phrality where)

3. Copeland's Method

(a) Method:

Do all head to head matchups.

Assign I point to each winner

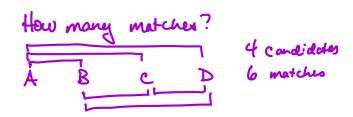
1/2 pt to both candidates if there's a tie.

Sum all the points. Winner has the most prints.

* guarantees winner is Condorcet winner, if one exists.

(b) example:

# votes	3	4	2	1	1
1st choice	A	В	С	С	D
2nd choice	C	C	D	В	C
3rd choice	В	D	В	Α	В
4th choice	D	A	A	D	A



$$A = 3$$

C wins

D wins

$$\frac{B = 3 + 4 + 1 = 8}{B = 3 + 4 + 1 = 8}$$

B wine

C wins

Total points (= # wins)

$$A = D$$

C = 3 & C wins under Copeland's method.

$$D = 1$$